

SOURCE: (C) WPI / DERWENT

AN : 85-024748 #04!

MC : A04-G03B A08-A01 A08-R01 A09-A05 A12-H

PN : SU1100288 A 840630 DW8504

PR : SU82@554558 821117

PA : (ZLOB/) ZLOBINA V A

IN : ZLOBINA V A;RUMYANTSEV E I;KERBER M L

DC : A17

IC : C08K3/26 ;C08L23/12

TI : Polypropylene based polymeric compsn. - contains mixt. of calcium carbonate and amorphous silicon di:oxide, as carbonate filler

3 : SU1100288 The compsn. contains in wt. %: isotactic polypropylene, stabilised with a 1:1 mixt. of Irganox-1010 and calcium stearate, 54-77; soft or hard wood flour filler (particle size max 3000  $\mu$  m, moisture max 5%) 20-40; calcium carbonate:silicon dioxide mixt. (in the proportion of (9:0.5) to (7:2.5), 3-6. It may also contain stabilisers, dyes and special components. Its properties are: breaking stress, tension 35-46 mln/sq m, bending 50-58 mln/sq m; impact strength 8.5-21.3 kJ/sq m; modulus of elasticity, bending 3560-3790 mln/sq m; prods of pyrolysis of the wood flour content formed in 20 min at 210 deg.C 0.036-0.092% of the wt of wood flour.

- USE/ADVANTAGE - For the mfr. of machine and instrument pts. Its mechanical strength is considerably higher than that of known prods. The quantity of gaseous prods. evolved on heating is over 2 times lower than with known prods. Corrosion of processing equipment is reduced, the temp. interval of the process is increased and industrial sanitation is improved. Bul.24/30.6.84 (5pp Dwg.No.0/0)